The other Draught is of a prodigious Swelling of the Eye of a Subject of the aforeſaid Princeſs. This Swelling was occaſioned by Hail; and it daily encreaſes and grows hard, except at the Place marked by the Letter *a*, Fig. 5. This Circumſtance is very ſingular, that the Optic Nerve and the Tunicles have ſtretched ſo much, that the Eye quitted its Socket, and fell down to the Beard, Letter *b*. The unhappy Man is ſtill living, and can move this Eye, which weeps, but, as is no Wonder, cannot ſee with it. The Tumour is not painful, but it is very troubleſome to him about his Noſe. If theſe few Curioſities be acceptable to ſuch inquiſitive Philoſophers, as the Gentlemen of the *Royal Society* are, I have my Wiſh. I am, *&c.*

Dantzick, July 4, 1730.

IV. *An Abſtract by* James Douglas, *M. D. Med. Regin. & F. R. S. of a Book, entituled,* A ſhort Account of MORTIFICATIONS, and of the Surpriſing Effect of the BARK, in putting a Stop to their Progreſs, *&c. By* John Douglas, *Surgeon, F. R. S.* London, *Printed for* John Nurſe, *at the* Lamb *without* Temple-Bar. 1732.

THIS ſhort Account of *Mortifications, &c.* which contains Forty-eight Pages in a large Octavo, is dedicated to *Ambroſe Dickins* and

Claudius Amyand, Eſqrs. Serjeant Surgeons to his Majeſty, and divided into three Parts.

In the firſt our Author treats of Mortifications in general, from Pag. 1 to the 6th. What he ſays upon this Head is collected from ſome of the moſt experienced Phyſicians and Surgeons, who all affirm, that a Mortification from an internal Cauſe is always incurable; and when it proceeds from an external one, it can never be cured but by Amputation, or ſeparating the Part affected from the Sound.

In the ſecond Part he gives a very remarkable Obſervation of his own, which proves to a Demonſtration, that a Gangrene, even from an ill Habit of Body, may be cured, contrary to the hitherto received Opinion.

In the third Part, which begins at the 30th Page, he makes ſome Remarks on the preſent Caſe, and adds ſome parallel Obſervations from Mr. *Ruſhworth*, a Surgeon in *Northampton*, who had the good Fortune of making the firſt Diſcovery of the great and ſurpriſing Effects of the *Peruvian Bark* in checking the Progreſs of Mortifications, which he ſays has been likewiſe confirmed by the repeated Obſervations of that incomparable Surgeon Mr. Serjeant *Amyand*, who had often uſed the ſame Medicine, in the ſame Caſe, and with the ſame Succeſs with Mr. *Ruſhworth*.

Our Author ſays further in this Place, that it is only by taking off the Fever that the *Bark* produces all theſe good Effects. But to return to the Obſervation itſelf, which he has given us with a great deal of Judgment and Accuracy from Page the 6th to

Page

Page the 30th. He ſays, that *April* 22, 1732, he was ſent for about fifteen Miles out of Town to viſit a Gentleman near fifty Years of Age.

Upon Examination he found the Back of his right Foot mortified, near the middle Toes, about the Breadth of a Shilling; his Pulſe quick, and his Tongue dry.

There being no Sign of any external Hurt, Bruiſe or Wound, his Phyſician, Apothecary and himſelf were all of Opinion, that it muſt proceed from ſome internal Cauſe reſiding in the Maſs of Blood.

The neceſſary Dreſſings being got ready, he ſcarrified the mortified Part, and cut to the very Bones without being felt by the Patient, having afterward carried his Inciſions through the Skin as high up as the Knee, before ever he began to complain of the leaſt Pain. His Limb was at the ſame time ſtuped with a proper warm Fomentation, and the Wounds dreſſed up, as uſual, with Pledgets dipp'd in hot Oil of Turpentine, and over all a Poulteſs, or Cataplaſm, was laid on of *Theriac. Londin.* Oatmeal and Stale-Beer, the Phyſician preſcribing what Alexipharmicks he judged moſt proper upon the Occaſion.

April 23, Serjeant *Dickins* and Mr. *Cheſelden* being called in, directed the ſame external Applications to be continued as before.

April 24, The Mortification did not ſeem to ſpread.

April 25, His Fever was high, his Tongue very dry, and the Mortification began to ſpread a little. He then ſcarrified again, and deeper.

April 26, The Mortification ſeemed to be at a Stand.

April 27, The Mortification ſpread croſs the Toes towards the Ball of the Foot, which he ſcarrified deeper, and dreſſed as before. The Fever grew higher.

April 28, He was forced to uſe the Actual Cautery, the Mortification getting Ground in ſpite of all he had done.

April 29, He found no Benefit from the Cautery, though applied wherever the Part was corrupted.

April 30, The two Surgeons that had been conſulted before, the Phyſician, the Apothecary, and the Author, were all of Opinion, that even the taking off of the Limb could not ſave him, but that in all Probability he muſt die in twenty-four Hours, his Symptoms being worſe than ever; that is, his Fever was very high, his Tongue dry enough to grate a Nutmeg, his Viſage wild, he had a great Drought upon him, was very reſtleſs, the Mortification ſpread as far as the *Tendo Achillis*, and beſides, the Patient complain'd of a Pain and Hardneſs in the Side of his Belly.

In this deplorable Condition the *Jeſuit's Bark* was propoſed by Serjeant *Dickins*, and agreed to by the other Surgeons preſent, and half a Drachm was ordered to be given that Evening, and repeated every four Hours.

May 1, This Morning he found a very ſurpriſing Alteration for the better, with regard to the Fever, and the other Symptoms complained of the Day before; the Patient had a good Night's Reſt, and the Mortification had made no further Progreſs.

May

May 2, There was a ſmall Diſcharge from the Sore.

May 3, He found two large Abſceſſes on each Side of the Ancle. The Violence of the Fever being taken off by the uſe of the *Bark*, Nature was enabled to form theſe Abſceſſes, and from that he concluded, that the Progreſs of the Mortification was effectually ſtopt. He obſerved upon giving the *Bark* but once in ſix Hours a ſmall Return of the Fever, with a worſe Digeſtion, which obliged him to give it every four Hours as before, and continued in that Doſe for twenty-eight Days in all; and then every ſix Hours for five or ſix Days longer, though the Fever had quite left him all that time.

The whole Quantity of the *Bark* given to this Gentleman amounted to ten Ounces.

May 5, His Pulſe was regular, and the Digeſtion plentiful and laudable. The Muſcles and Tendons on the Sole of the Foot being all mortified, before the *Bark* was given, ſeparated in Proceſs of Time, and fell off very kindly, leaving the Bones of the Toes, *Metatarſus* and *Tarſus* bare and carious, which he afterwards cut off one after another, as he found Occaſion, and could be done with Safety. About the Middle of *November* following the Ends of the *Tibia* and *Fibula* were almoſt covered with a firm *Cicatrix*; the Patient at this time was well in all other reſpects, and was able to walk about by the Help of a wooden Leg, and from that time has continued in perfect Health.